

General Environmental Incident Summary

Incident: 3343 **Date/Time Notice:** 6/7/2014 1800 **DEM Incident No:**

Responsible Party: Belle Fourche Pipeline

Date Incident: 6/7/2014 **Time Incident:** 1530 **Duration:**

County: McKenzie **Twp:** 149 **Rng:** 101 **Sec:** 31 **Qtr:**

Lat: 47.67483 **Long:** -103.66000 **Method:** Interpolation from map

Location Description: Near HWY 68 and Hwy 85 south of Alexander

Submitted By: Bob Dundas

Affiliation: Belle Fourche

Address: same

City: Casper

State: WY

Zip:

Received By:

Contact Person: Bob Dundas
P.O. Drawer 2360
Casper, WY 82601

Distance Nearest Occupied Building:

Release Contained: Yes

Type of Incident: Tank Leak

Description of Released Contaminant: crude oil

Volume Spilled: 300.00 barrels

Ag Related: No

EPA Extremely Hazardous Substance: Unknown

Reported to NRC: Unknown

Cause of Incident:

3rd party contractor struck buried 6" steel pipeline.

Risk Evaluation:

none

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

soils have been impacted.

Action Taken or Planned:

Pumping shut down, earthen dike in ditch has been constructed and spill contained. Vacuum trucks are currently sucking up crude oil that leaked into ditch. Absorbent boom will be placed as well.

Wastes Disposal Location: to be determined

Agencies Involved: Local Emergency Manager

Updates

Date: 6/7/2014 **Status:** Correspondence

Author: Roberts, Kris

Updated Volume:

Notes:

6/7/14 - 19:30. Contacted by McKenzie County Emergency Management, which was responding. Then contacted company representative to glean current information.

A 6-inch crude oil pipeline was struck by an, as yet, unidentified water line installer. Release volume estimate remains unchanged. Most oil remained in the water pipeline trench, but some flowed 100 feet along the Highway 68 road ditch. All liquid oil has been recovered. Contaminated soil impact is being enclosed with containment berms in case of rain. Pipeline repair (temporary?) will be done this date. County emergency manager (EM) has sent photos, which are in the linked folder. County EM will return to the site on 6/8 to update. On-site followup 6/9 will be necessary.

Date: 6/9/2014 **Status:** Inspection

Author: Martin, Russell

Updated Volume:

Notes:

6/9/2014 at 16:45, on location. The trenching for the water line appears to have been heading west when they struck the Belle Fourche pipeline, causing the oil to flow eastward into the newly dug trench. Since the water line installers were laying the water pipe as they were trenching, the impacted soil is currently blocked by installed water pipes. Oil that was not contained to the trench appears to have flowed to the northeast and north by northwest, following two natural drainage paths. The entire impacted area has been scraped up and put into piles on the north side beside the trench, with a safety fence around the soil and open trench. Where the scraping stops in the two drainage paths, it is still ~1000 ft until it reaches a creek, based on satellite imagery. No standing water in the drainage paths. No staining visible past where the scraping stopped within the drainage paths. Absorbent booms placed on top of the scraped earth in these drainage paths. There is still some scattered staining on the ground and vegetation in the immediate vicinity of the incident. Pipeline appears to have been repaired. No Bridger/Belle Fourche personnel on site; call in to area supervisor for Belle Fourche/Bridger revealed they will be back tomorrow morning to meet with the third party contractor installing the water line to have water line removed so excavation on stained trench can proceed. Impacted soil will be removed to Indian Hills disposal once testing is complete on the material per Indian Hill's policy. No change in the volume released.

Date: 6/17/2014 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

The weather was 74 °F, clear, with wind from the southeast 15-20 miles per hour. The cleanup company has been able to clean up the trench that the oil followed going east. They were working on the impacted soil on top the surface. The impacted soil is being scraped up, loaded, and hauled away to the landfill owned by the cleanup company. Soil is not being stockpiled at the site. Soil samples have been sent to verify cleanup in trench. They still have a couple of areas to the north of trench that the oil followed. They will also be scraping up more soil on the south side of trench. More followup required to check on cleanup progress.

Date: 6/24/2014 **Status:** Inspection

Author: Wax, Pete

Updated Volume:

Notes:

Time in 13:30; Time out 14:08. Light breeze, 68 degrees, overcast. Area unattended. Site is fenced off from bull pasture. 90% reclaimed with topsoil replaced - nicely shaped and conditioned. One small hole open at west end of site with crude pipe exposed (pictures). Two piles of soil. One clean fill and one topsoil. Two small arms of reshaped and topsoil-applied low spots going to the north and small intermittent creek approximately 250 yards away. Walked entire perimeter and found no evidence of oil. No trash. All that remains is to fill the final hole and seed.

Date: 7/2/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location 14:00. 73 degrees F, mostly sunny, west wind 0 - 5 mph. Observed site and took photos. Area appears to be in the same condition as Inspectors Wax's assessment on 6/24/14. Some additional topsoil needed, as well as leveling of area northeast of fenceline. There were a few small areas west of the fence, near the open excavation, that had some oil stained vegetation. More followup required.

Date: 10/2/2014 **Status:** Inspection

Author: Martin, Russell

Updated Volume:

Notes:

10/2/2014 at 14:33, on location. Piles removed, no visible holes, and area excavated appears to have been levelled off. New growth appearing in scraped areas around excavation, in arm going northeast, and due north. No visible staining in or around scraped area.